CLAIMS

1. A method for adjusting levels of a viewing parameter for an image screen disposed on a portable computer, the method comprising:

a processor disposed in the portable computer receiving an activation signal for viewing parameter control from a first input mechanism, the activation signal corresponds to a single interaction with the first input mechanism;

responsive to the activation signal, a program displaying graphical user interface elements adapted for viewing parameter control on the image screen;

the processor receiving an adjustment signal indicating adjustment from prior values of the viewing parameter to new values of the viewing parameter; and

responsive to receiving the adjustment signal, the processor adjusting the values of the viewing parameter for the image screen to the new value.

2. The method of claim 1, wherein prior to the receiving of the adjustment signal, the method includes:

receiving an interaction signal corresponding to an interaction with one or more of the graphical user interface elements; and

responsive to receiving the interaction signal, the program causing a generation of the adjustment signal, the new values corresponding to the interacting.

3. The method of claim 2, wherein the graphical user interface elements include an adjustment bar and a slider disposed along the adjustment bar, the image screen adapted to provide signals to programs in response to at least one contact with the image screen.

4. The method of claim 3, wherein interacting with the graphical user interface elements includes one or more of:

a contact with the image screen by an implement on a location disposed on the adjustment bar other than directly above the slider; and

a contact with the image screen by an implement directly above the slider, and while maintaining contact with the image screen moving the implement along the adjustment bar.

5. The method of claim 1, wherein the image screen includes pixels, the pixels having output levels, and the adjusting includes:

adjusting image screen drive voltages to adjusted voltages corresponding to the new values, the pixels connected to the image screen drive voltages; and

the pixel output levels responding to the adjusted voltages by providing an adjusted image.

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6. The method of claim 5, wherein the image screen includes portions adapted for illumination by groups of pixels including a first portion configured for illumination by a first group of pixels, and wherein the adjusting includes:

maintaining the image screen drive voltages at low levels for one or more of the groups of pixels, and

adjusting the image screen voltages to adjusted voltages corresponding to the new values for

the first group of pixels, the first portion covering less than approximately twenty-percent of the image screen, and wherein the method includes

the portable computer displaying selected information only on the first portion.

7. The method of claim 1, wherein prior to the receiving of the adjustment signal the method includes:

receiving an interaction signal from a second input mechanism to indicate adjustment of the values of the viewing parameter to new values; and

responsive to the interaction signal from the second input mechanism, the processor sending a signal corresponding to the adjustment signal to a memory disposed in the portable computer.

8. The method of claim 7, wherein the second input mechanism comprises an up scrolling button having a first pressing region and down scrolling button having a second pressing region, and the scrolling buttons adapted to provide adjustment indications for the values of the viewing parameter to the program;

the interacting with the second input mechanism includes one or more of:

pressing the first pressing region for a period of time less than approximately 500 milliseconds thereby providing an indication of an incremental upwards adjustment of the levels of the viewing parameter to the application;

pressing the first pressing region for a period of time greater than approximately 500 milliseconds, thereby providing an indication of a large upwards adjustment of the levels of the viewing parameter to the application, the large upwards adjustment more than approximately twice the magnitude of the incremental upwards adjustment.

9. The method of claim 1, wherein:

the second input mechanism includes a rotate and push switch; and

the method includes, the rotate and push switch responding to a rotation of the rotate and push switch by providing adjustment indications for the values of the viewing parameter to the program.

10. The method of claim 1, wherein the first input mechanism comprises a button disposed on the portable computer, and the single interaction with the button comprises a pressing of the button.

11. The method of claim 1, wherein responsive to the portable computer in a power off state prior to the activating, the activating includes powering-up the portable computer.

12. The method of claim 1, wherein prior to the displaying, the method includes the portable computer responding to the activation signal by initiating the program.

13. The method of claim 1, wherein the displaying includes overlaying one or more of the graphical user interface elements on top of graphics shown on the image screen prior to the activating.

14. The method of claim 1, wherein the viewing parameter includes one of contrast, brightness, color, and screen resolution.

15. The method of claim 1, further comprising the portable computer responding to receiving the activation signal by switching the image screen to a preset value of the viewing parameter.

16. A portable computer comprising:

an image screen adapted to display items of information at levels of a viewing parameter;

a first input mechanism adapted to initiate adjustment of viewing parameter values in response to a single interaction with the first input mechanism;

a processor; and

a memory coupled with the processor to:

respond to the single interaction by displaying at least one graphical user interface element adapted for adjusting the viewing parameter values; and

respond to inputs applied to the graphical user interface elements by adjusting the values of the viewing parameter, each of the inputs including at least one of selecting and adjusting at least one of the graphical user interface elements.

17. The portable computer of claim 16, wherein the portable computer comprises a connected organizer including:

a program for viewing parameter control disposed in the memory; and

a digitizer adapted to respond to contact with the image screen by sending an interaction

signal to the program; and

wherein the program is adapted to respond to the interaction signal by causing adjustment of at least one graphical user interface element to indicate new viewing parameter values.

18. The portable computer of claim 17, wherein:

the viewing parameter is contrast;

the first input mechanism comprises a button adapted to initiate contrast adjustment responsive to a single pressing of the button; and

the graphical user interface elements include an adjustment bar and a slider disposed above the adjustment bar; and

and the portable computer includes:

an operating system disposed in the memory, the program disposed in the operating;

the program adapted to respond to the interaction signal by causing adjustment of the image to the new viewing parameter values;

a power button adapted to power-up the portable computer by pressing of the power button;

at least one application button, each application button adapted to start a corresponding application by pressing of the application button; and

a second input mechanism adapted to respond to inputs applied to the second input mechanism by providing indications of adjustment of values of the viewing parameter to the memory.

19. The portable computer of claim 16, wherein the first input mechanism comprises a button adapted to initiate contrast adjustment responsive to a single pressing of the button.

20. The portable computer of claim 16, wherein the viewing parameter includes one of contrast, brightness, colors, and screen resolution.

21. The portable computer of claim 16, including a second input mechanism adapted to respond to inputs applied to the second input mechanism by providing indications of adjustment of values of the viewing parameter to the memory; and wherein responsive to the inputs applied to the second input mechanism, the processor adapted to adjust the values of the viewing parameter.

22. The portable computer of claim 21, wherein the second input mechanism includes a rotate and push switch adapted to respond to a pressing applied to the rotate and push switch by exiting the program for viewing parameter control.

23. The portable computer of claim 16, wherein:

in response to contact with the image screen, the processor is adapted to send signals to the memory; and

the graphical user interface elements include an adjustment bar and a slider disposed above the adjustment bar.

24. The portable computer of claim 16, wherein the first input mechanism comprises a single momentary single pole single throw (SPST) switch.

25. The portable computer of claim 16, wherein the image screen includes pixels, the values of the viewing parameter vary in response to image screen drive voltages, and different groups of the pixels have different image screen drive voltages.

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26. The portable computer of claim 16, wherein the image screen includes pixels, the values of the viewing parameter vary in response to image screen drive voltages, and more than approximately eighty percent of the pixels have a value of the viewing parameter corresponding to a first image screen drive voltage.

27. A portable computer comprising:

a screen means for displaying items of information at a set of viewing parameter values;

an input means for:

initiating adjustment of the set of viewing parameter levels in response to a single interaction with the input means;

a processor means connected to the input means; and

a memory means, wherein the processor means is coupled with the memory means for:

responding to the single interaction by displaying at least one graphical user interface element adapted for viewing parameter control on the screen means in response to the single interaction; and

adjusting the screen means drive voltages in response to at least one input, each input is applied to at least one graphical user interface element, each input is applied by one of selecting and adjusting a corresponding graphical user interface element.

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